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=> d que L3
L3      18 SEA (AMINO (A) ACID (A) SUBSTITUT?) (S) (FC (A) REGION)

=> d que L4
L4      30 SEA (AMINO (A) ACID (A) SUBSTITUT?) AND ((POSITION (A) 298) OR
      (RESIDUE (A) 298))

=> d que L5
L4      30 SEA (AMINO (A) ACID (A) SUBSTITUT?) AND ((POSITION (A) 298) OR
      (RESIDUE (A) 298))
L5      15 DUP REM L4 (15 DUPLICATES REMOVED)

=> d que L6
L4      30 SEA (AMINO (A) ACID (A) SUBSTITUT?) AND ((POSITION (A) 298) OR
      (RESIDUE (A) 298))
L5      15 DUP REM L4 (15 DUPLICATES REMOVED)
L6      15 SOR L5 PY A

=> d que L7
L1      7172 SEA ANTIBOD? (S) ADCC
L7      1725 SEA L1 AND FC

=> d que L8
L1      7172 SEA ANTIBOD? (S) ADCC
L7      1725 SEA L1 AND FC
L8      0 SEA L7 AND ((AMINO (A) ACID) (A) 298)

=> d que L9
L1      7172 SEA ANTIBOD? (S) ADCC
L7      1725 SEA L1 AND FC
L9      0 SEA L7 AND 298

=> d que L10
L1      7172 SEA ANTIBOD? (S) ADCC
L7      1725 SEA L1 AND FC
L10     0 SEA L7 AND (RESIDUE (A) 298)

=> d que L11
L1      7172 SEA ANTIBOD? (S) ADCC
L7      1725 SEA L1 AND FC
L11     32 SEA L7 AND (FC (A) RECEPTOR (A) BINDING)

=> d que L12
L1      7172 SEA ANTIBOD? (S) ADCC
L7      1725 SEA L1 AND FC
L11     32 SEA L7 AND (FC (A) RECEPTOR (A) BINDING)
L12     13 DUP REM L11 (19 DUPLICATES REMOVED)

=> d que L13
L1      7172 SEA ANTIBOD? (S) ADCC

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L7 1725 SEA L1 AND FC
L11 32 SEA L7 AND (FC (A) RECEPTOR (A) BINDING)
L12 13 DUP REM L11 (19 DUPLICATES REMOVED)
L13 13 SOR L12 PY A

=> d que L16

L14 8064 SEA ANTIBOD? AND ADCC
L15 1716 SEA L14 AND ENHANCE?
L16 8 SEA L15 AND (FC (A) RECEPTOR (A) BINDING)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6242195".pn.	USPAT	OR	ON	2005/09/23 15:16
L2	8	(Fc adj variant) same ADCC	USPAT	OR	ON	2005/09/23 15:17
L3	4	(Fc adj variant) same (effector adj function)	USPAT	OR	ON	2005/09/23 15:18
L4	0	(Fc adj variant) same (antibody adj dependent adj cell adj mediate adj cytotoxicity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 15:20
L5	539	(Fc or antibod\$) adj variant\$	USPAT	OR	ON	2005/09/23 15:21
L6	85	L5 and (effector adj function)	USPAT	OR	ON	2005/09/23 15:21
L7	84	L6 and (mutat\$ or alter\$)	USPAT	OR	ON	2005/09/23 15:22
L8	59	L6 and (ADCC or cytotoxicity)	USPAT	OR	ON	2005/09/23 15:26
L9	14331	antibod\$ same (position adj "298") or (amino adj acid adj substitut\$)	USPAT	OR	ON	2005/09/23 15:27
L10	1487	antibod\$ same ((position adj "298") or (amino adj acid adj substitut\$))	USPAT	OR	ON	2005/09/23 15:28
L11	620	L10 and Fc	USPAT	OR	ON	2005/09/23 15:28
L12	39	antibod\$ same ((position adj "298") or (amino adj acid adj substitut\$)) same Fc	USPAT	OR	ON	2005/09/23 15:28

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	presta-leonard.in.	USPAT	OR	ON	2005/09/23 17:04
L2	353	ADCC same Fc	USPAT	OR	ON	2005/09/23 17:04
L3	182	L2 and (amino adj acid adj substitution)	USPAT	OR	ON	2005/09/23 17:06
L4	182	L3 and (treating or treatment)	USPAT	OR	ON	2005/09/23 17:07
L5	0	L4 and (enhanced adj ADCC)	USPAT	OR	ON	2005/09/23 17:07
L6	163	L4 and enhanced	USPAT	OR	ON	2005/09/23 17:08
L7	1	L4 and (enhanced adj Fc adj receptor adj binding)	USPAT	OR	ON	2005/09/23 17:08
L8	181	L4 and antibod\$	USPAT	OR	ON	2005/09/23 17:08
L9	163	L6 and antibod\$	USPAT	OR	ON	2005/09/23 17:09
L10	149	L6 and variant	USPAT	OR	ON	2005/09/23 17:09

Crowder, Chun

To: STIC-Biotech/ChemLib
Subject: Sequence search 10/757,863

Please provide sequence search for 10/757,863:

SEQ ID NO: 3, where position 68 is Xaa (any other amino acid) instead of Asn(N), against commercial and interference databases.

SEQ ID NO: 4, where position 68 is Xaa (any other amino acid) instead of Asn(N), against commercial and interference databases.

Thanks!

Chun Crowder, Ph.D.
Patent Examiner
81042
TC1644
Remsen/03B59
3c70
571-272-8142